

# cinemalite

## Specifications for Audio System Deluxe 5.1

**Power Amplifier:** Wharfedale Pro S1000

<b>OUTPUT POWER</b>	
<b>Stereo</b>	
	180W+180W/8 ohms (0.1% THD at 20Hz-20kHz)
	300W+300W/4 ohms (0.1% THD at 20Hz-20kHz)
	200W+200W/8 ohms (0.1% THD at 1kHz)
	330W+330W/4 ohms (0.1% THD at 1kHz)
	500W+500W/2 ohms (0.1% THD at 1kHz)
<b>Bridged</b>	
	600W/8 ohms(0.1% THD at 20Hz-20kHz)
	660W/8 ohms(0.1% THD at 1kHz)
	1000W/4 ohms (1% THD at 1kHz)
<b>THD+N</b>	<0.02%
<b>Frequency Response</b>	20Hz-20kHz 0/-0.5dB 10Hz-40kHz 0/-2dB
<b>Hum and Noise</b>	-95dB
<b>Voltage Gain</b>	33dB
<b>Input Sensitivity</b>	+4dBu
<b>Maximum Input Level</b>	+22dBu
<b>Input Impedance</b>	Balanced 20kohms, Unbalanced 10k.
<b>Controls</b>	
<b>Low Cut Filter</b>	50Hz -6dB(-12dB/oct); 30Hz -6dB(-12dB/oct)
<b>Signal Indicators</b>	Turns on approx -35dBu
<b>Clip indicators</b>	Turns on approx 350Wx2/4 ohms output
<b>Limiter</b>	Turns on approx 350Wx2/4 ohms output
<b>Amplifier Protection</b>	Mute function; DC detection; Overload and short detection; Temperature detection
<b>Power Amp Type</b>	Class AB complementary linear output
<b>AC Power Options</b>	AC100V / 120V / 220V / 240V, 50/60Hz
<b>Dimensions (HxWxD)</b>	
	96mm x 482.6mm x 427mm
	3.8" x 19" x 16.8"
<b>Weight</b>	
	15.4 kg
	33.9 lbs

## Power Amplifier: Wharfedale Pro S1500

<b>OUTPUT POWER</b>	
<b>Stereo mode</b>	
	320 Watts per channel into 8 ohms (0.1% THD @ 1kHz)
	500 Watts per channel into 4 ohms (0.1% THD @ 1kHz)
	750 Watts per channel into 2 ohms (0.1% THD @ 1kHz)
<b>Bridged mode</b>	
	1000 Watts into 8 ohms (0.1% THD @ 1kHz)
	1500 Watts into 4 ohms (0.1% THD @ 1kHz)
<b>THD+N</b>	<0.02%
<b>Frequency Response</b>	20Hz-20kHz 0/-0.5dB 10Hz-40kHz 0/-2dB
<b>Hum and Noise</b>	-95dB
<b>Voltage Gain</b>	33dB
<b>Input Sensitivity</b>	+4dBu
<b>Maximum Input Level</b>	+22dBu
<b>Input Impedance</b>	Balanced 20k Unbalanced 10k.
<b>Controls</b>	
<b>Low Cut Filter</b>	50Hz -6dB(-12dB/oct); 30Hz -6dB(-12dB/oct)
<b>Signal Indicators</b>	Turns on approx -35dBu
<b>Clip indicators</b>	Turns on approx 490Wx2/4 ohms output
<b>Limiter</b>	Turns on approx 506Wx2/4 ohms output
<b>Amplifier Protection</b>	Mute function; DC detection; Overload and short detection; Temperature detection
<b>Power Amp Type</b>	Class AB complementary linear output
<b>AC Power Options</b>	AC100V / 120V / 220V / 240V, 50/60Hz
<b>Dimensions (HxWxD)</b>	
<b>mm</b>	96mm x 482.6mm x 427mm
<b>inches</b>	3.8 x 19" x 16.8" "
<b>Weight</b>	
<b>kg</b>	16.3kg
<b>lbs</b>	35.9lbs

## Mixer: SM Pro Audio PR8E

<b>General Info</b>	
<b>System type</b>	Multi-channel mic/line preamp (x 8) mixer
<b>Line Input</b>	Impedance 47K, Min sensitivity -35dB, Peak input level +32 dB
<b>Output</b>	Impedance 600 Ohms
<b>48V Phantom Power per channel</b>	Yes
<b>Peak output level</b>	+23dB
<b>Phase Reverse per channel</b>	Yes
<b>Frequency response</b>	20Hz- 20KHz 0dB- -0.5dB
<b>Gain control per channel</b>	Yes
<b>Distortion</b>	0.005%
<b>Peak Light Per channel</b>	Yes
<b>S/N</b>	> 105dB
<b>Mic Input</b>	Impedance 4K7 Ohms
<b>Crosstalk rejection</b>	>120dB @ 1KHz; -20dB input
<b>Mic Input</b>	Peak input level +9.5 dB
<b>Max Gain</b>	58dB
<b>Mic Input</b>	Phantom Power +48V, (switchable)
<b>Housing</b>	Metal

## Speaker: Wharfedale Pro Twin 8X

General Info	
System type	1 x 8" coaxial full range speaker
Frequency response +/- 3db	65-20k
Sensitivity (db 1w@1m)	94dB
System impedance	8 ohms
Maximum SPL Peak dB	120dB
Power Handling (Watts)	
Continuous RMS	100
Program	200
Peak	400
LF Driver	
LF driver size mm / inches	1x8"
LF voice coil size	50mm/2"
HF Section	
HF voice coil size	2"
HF exit size inches	1"
HF diaphragm material	Titanium
Horn dispersion (H x V)	60 x 60
HF horn shape	radial
Crossover Section	
Crossover Frequency / Filter	2.6kHz
HF driver protection	Bulb
In / Out Panel (Speaker Level)	
Input connector	Speakon™ NL4 x2
High pass out	No
Physical Features	
Finish	Black or white textured paint
Construction material	18mm birch plywood
Handle quantity	1
Suspension points	12 x M10 flying inserts & one flying track on top
Rubber feet	7
Grille	full steel
Stand adapter - BOTTOM	No
Dimensions & Weight	
Height ( mm / ins )	373
Width Front / Rear / mm / ins	288
Depth ( mm / ins )	250
Net weight ( kg / lbs )	11.2kg
Gross weight ( kg / lbs )	13.2kg



**Speaker: Wharfedale Pro EVP-X15B**

General Info	
System Type	15" passive subwoofer
Frequency Response +/- 3dB	45 -250Hz
Sensitivity (DB 1w@1m)	99dB
System Impedance	4 Ohms
Maximum Spl Peak dB	131dB
Power Handling (Watts)	
Continuous Rms	400
Program	800
Peak	1600
LF Driver	
LF Driver Size Mm / Inches	1 x 15"
LF Voice Coil Size	77.06 / 3.0"
Crossover Section	
Crossover Frequency / Filter	150hz
In / Out Panel (Speaker Level)	
Input Connector	2 x 1/4" jacks and 2 x Speakon™
High Pass Out	1 x 1/4" jacks and 1 x Speakon™ @ 100Hz
Physical Features	
Finish	Black carpet
Stand Adapter - Top	Yes
Enclosure type	Vented Enclosure
Shape	Rectangular
Dimensions & Weight	
Height ( mm)	591
Width Front / Rear ( mm)	460
Depth ( mm )	510
Net Weight ( Kg)	33.5kg
Gross weight ( Kg)	36.5kg



## Speaker: Wharfedale Pro Twin 10X

General Info	
System type	1 x 10" coaxial full range speaker
Frequency response +/- 3db	60-20k
Sensitivity (db 1w@1m)	96dB
System impedance	8 ohms
Maximum SPL Peak dB	124dB
Power Handling (Watts)	
Continuous RMS	150
Program	300
Peak	600
LF Driver	
LF driver size mm / inches	1x10"
LF voice coil size	50mm/2"
HF Section	
HF voice coil size	2"
HF exit size mm / inches	1"
HF diaphragm material	Titanium
Horn dispersion (H x V)	70 x 70
HF horn shape	radial
Crossover Section	
Crossover Frequency / Filter	2.2kHz
HF driver protection	Bulb
In / Out Panel (Speaker Level)	
Input connector	Speakon™ NL4 x2
High pass out	No
Physical Features	
Finish	Black or white textured paint
Construction material	18mm birch plywood
Handle quantity	1
Suspension points	12 x M10 flying inserts & one flying track on top
Rubber feet	7
Grille	full steel
Stand adapter - BOTTOM	Yes
Dimensions & Weight	
Height ( mm)	434
Width Front / Rear ( mm)	322
Depth ( mm)	319
Net weight ( kg)	15.5kg
Gross weight ( kg)	17.8kg

Specifications are subject to change.  
Correct at 01/11/2009.

